Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002433.D
Acq On : 15 Aug 2015 20:14
Operator : UM/IZ
Sample : G3219-12MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:46:43 PM

Quant Time: Aug 17 05:57:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	153689	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	721465	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	380957	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	772267	20.00	ng/ul	0.00
17) Chrysene-d12	22.24	240	535555	20.00	ng/ul	0.00
22) Perylene-d12	24.92	264	503850m	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	611912	15.71	ng/ul	0.00
10) Fluorene-d10	16.42	176	412334	15.07	ng/ul	0.00
14) Anthracene-d10	18.26	188	583289	15.66	ng/ul	0.00
18) Pyrene-d10	20.47	212	497888	20.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.74	264	358628m	13.55	ng/ul	0.02
Target Compounds						Qvalue
9) Acenaphthene	15.52	153	393715	14.66	ng/ul	99
13) Phenanthrene	18.20	178	338263	7.59	ng/ul	100
15) Anthracene	18.29	178	69751	1.54	ng/ul	98
16) Fluoranthene	20.15	202	1437906	28.48	ng/ul	99
19) Pyrene	20.50	202	1997018	63.65	ng/ul	99
20) Benzo(a)anthracene	22.22	228	1633714	51.01	ng/ul	98
21) Chrysene	22.29	228	2025973	67.63	ng/ul	98
23) Benzo(b)fluoranthene	24.10	252	4010480m	131.66	ng/ul	
24) Benzo(k)fluoranthene	24.14	252	1205327m	41.76	ng/ul	
26) Benzo(a)pyrene	24.81	252	2501533m	85.98	ng/ul	
27) Indeno(1,2,3-cd)pyrene	27.77	276	2251967m	67.30	ng/ul	
28) Dibenzo(a,h)anthracene	27.76	278	775078m	27.71	ng/ul	
29) Benzo(g,h,i)perylene	28.67	276	2131727m	76.54	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002433.D
Acq On : 15 Aug 2015 20:14
Operator : UM/IZ
Sample : G3219-12MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Aug 17 05:57:17 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
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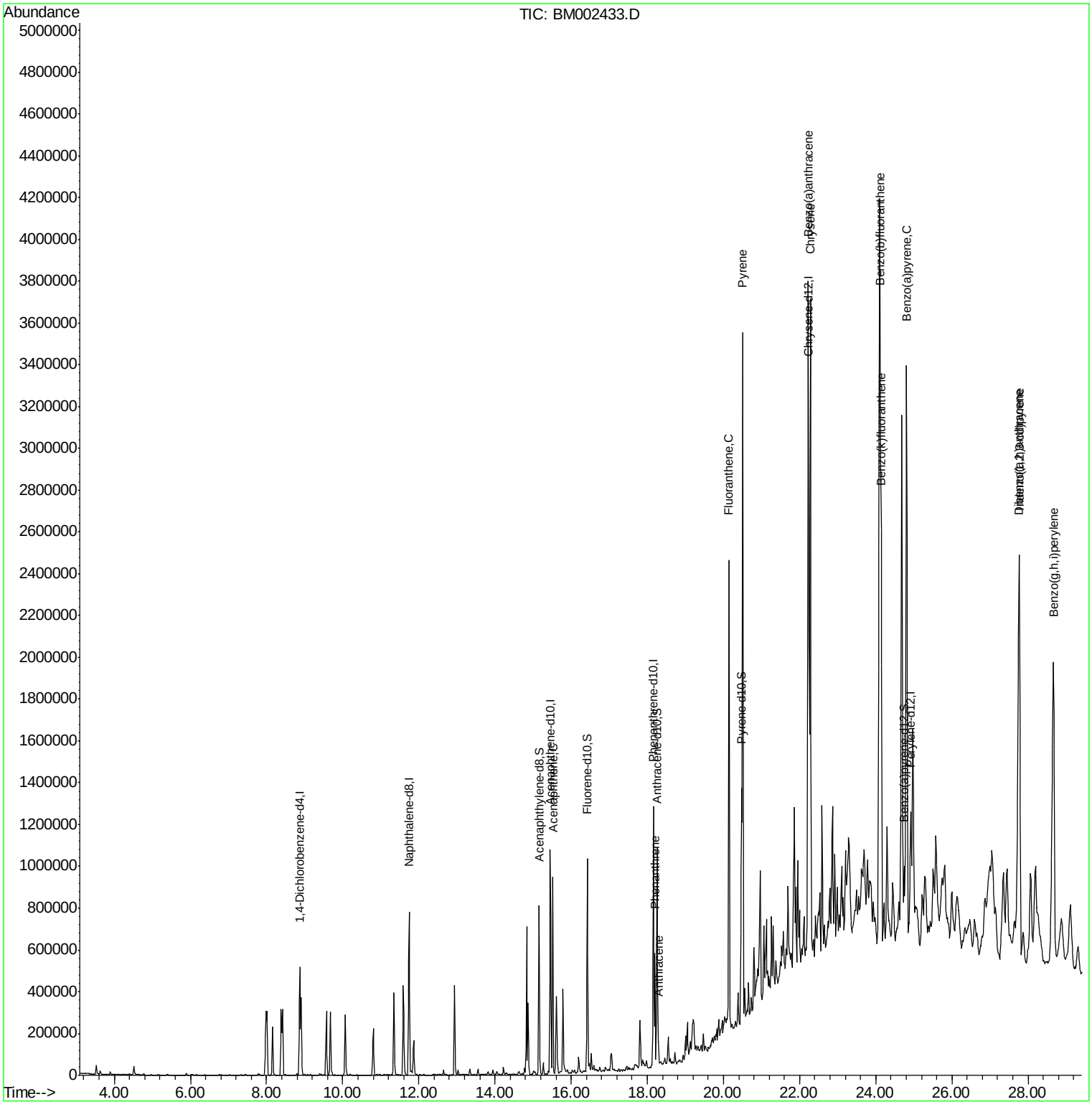
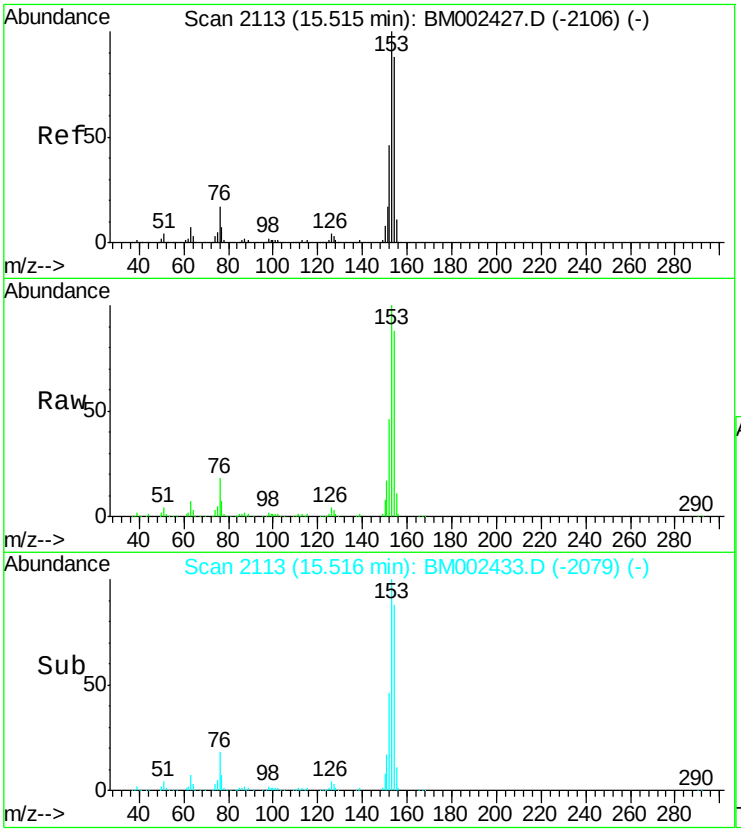
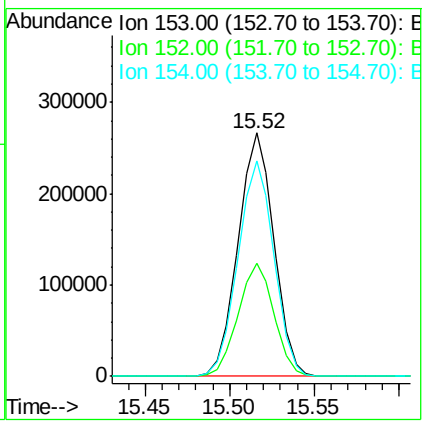




#9
Acenaphthene
Concen: 14.66 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:153 Resp: 393715

Ion	Ratio	Lower	Upper
153	100		
152	46.2	36.9	55.3
154	88.5	71.3	106.9



Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
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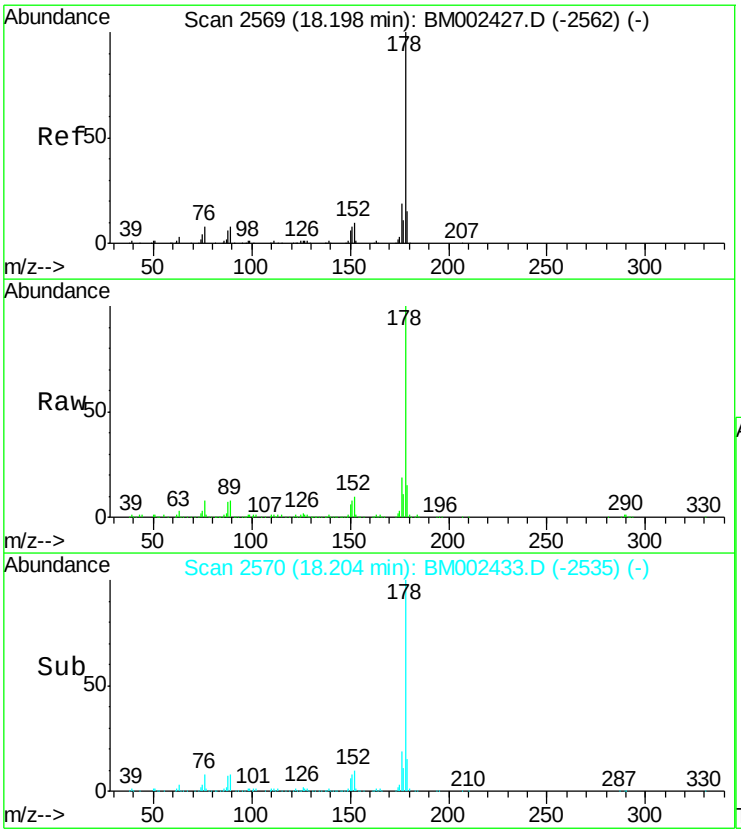
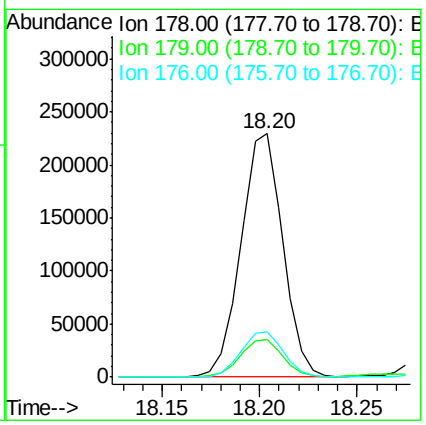
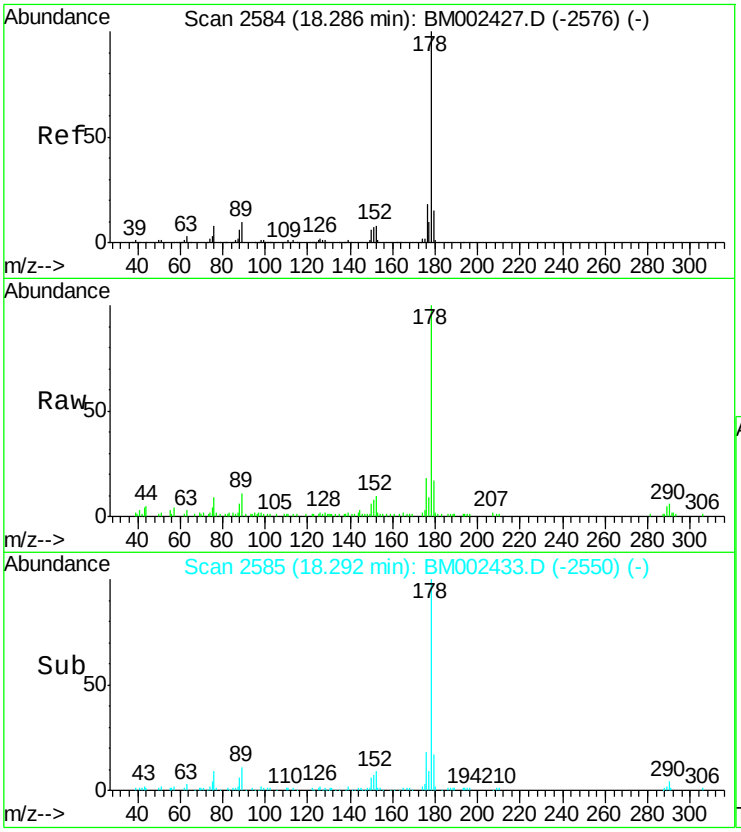


#13
Phenanthrene
Concen: 7.59 ng/ul
RT: 18.20 min Scan# 2570
Delta R.T. 0.01 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:178 Resp: 338263

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.8	15.1	22.7

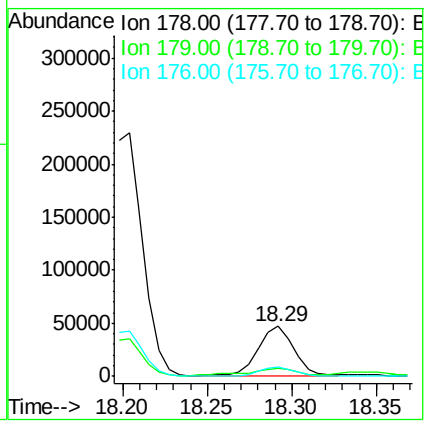




#15
Anthracene
Concen: 1.54 ng/ul
RT: 18.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:178 Resp: 69751

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	18.8
176	18.2	14.5	21.7



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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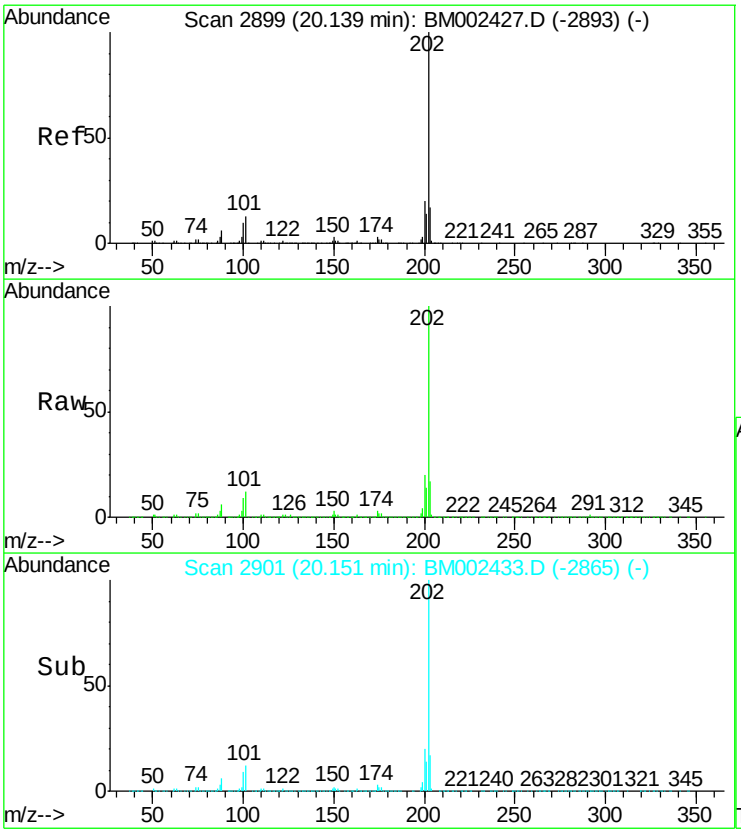
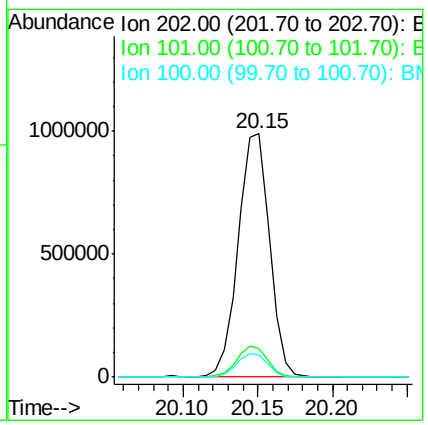
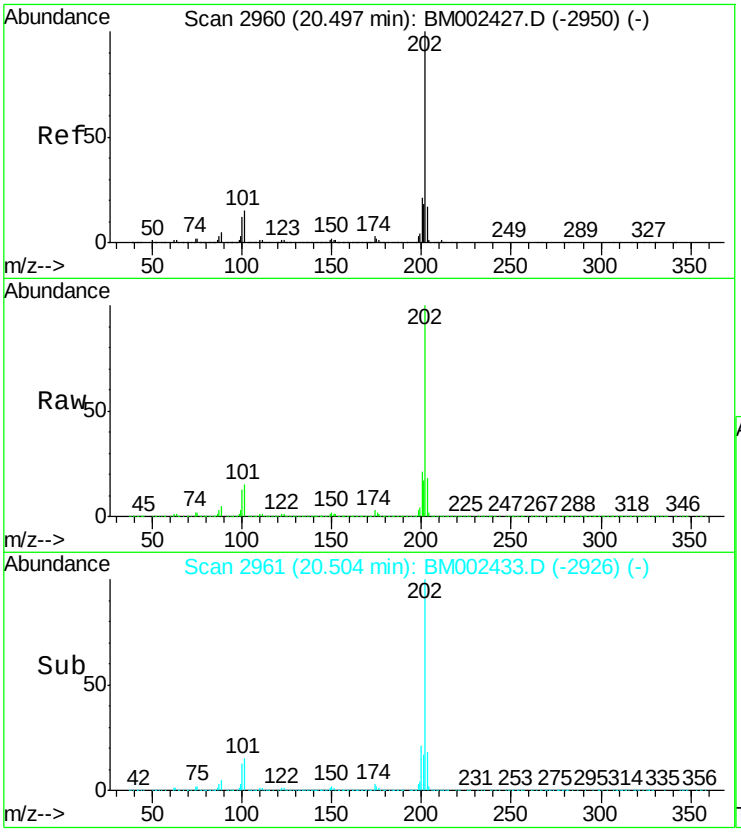


#16
Fluoranthene
Concen: 28.48 ng/ul
RT: 20.15 min Scan# 2901
Delta R.T. 0.01 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:202 Resp: 1437906

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	9.1	7.4	11.2

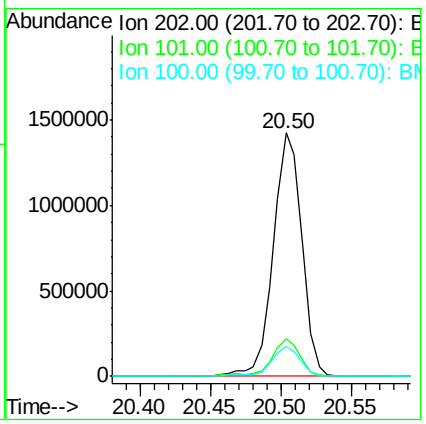




#19
Pyrene
Concen: 63.65 ng/ul
RT: 20.50 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:202 Resp: 1997018

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.0	18.0
100	12.5	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
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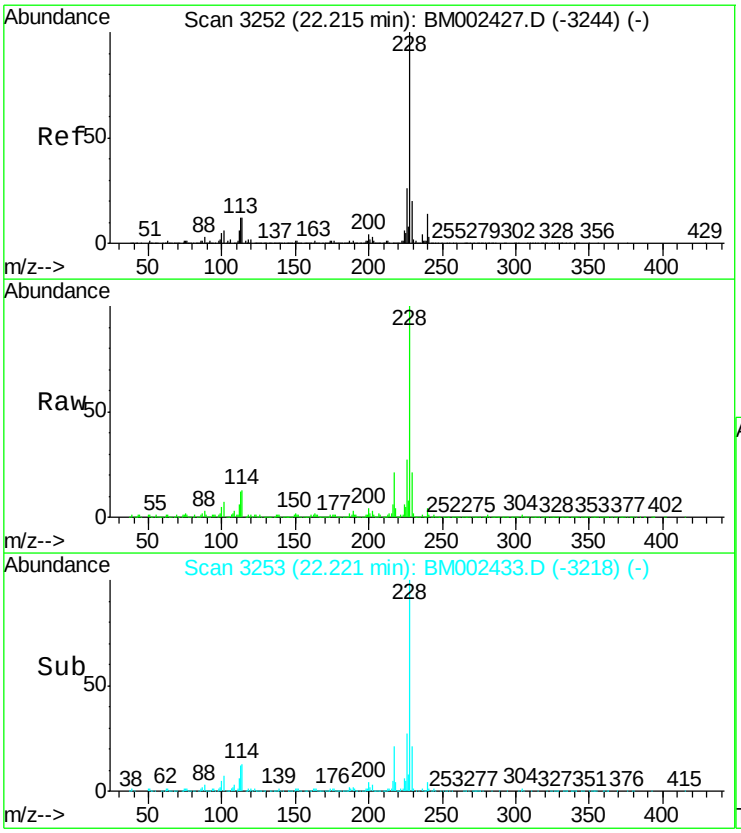
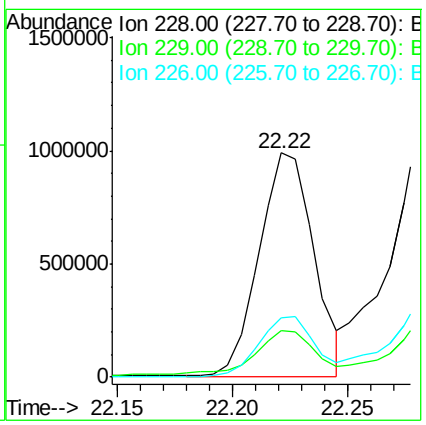
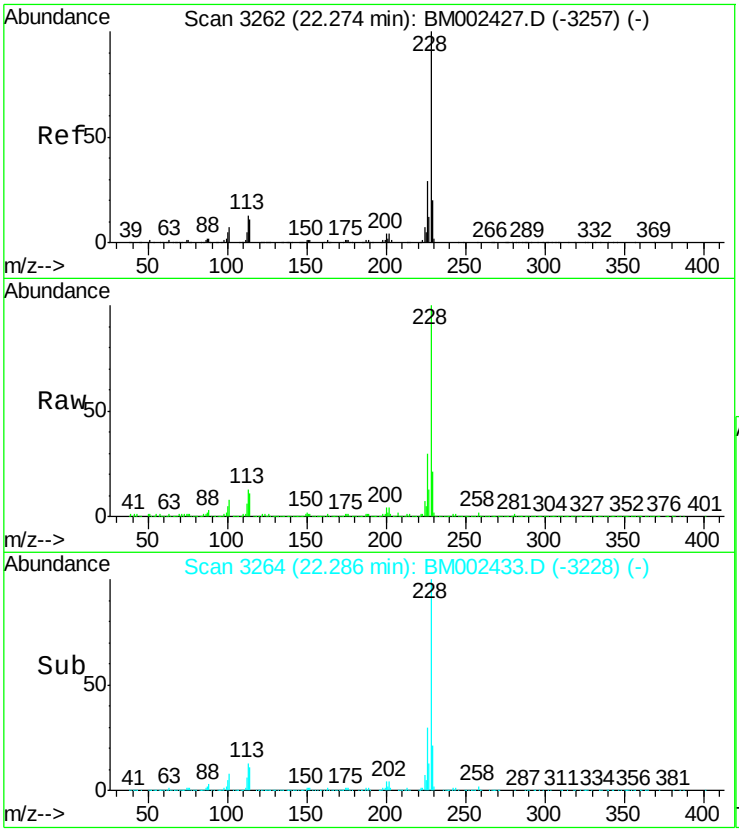


#20
Benzo(a)anthracene
Concen: 51.01 ng/ul
RT: 22.22 min Scan# 3253
Delta R.T. 0.01 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:228 Resp: 1633714

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.6
226	26.8	21.1	31.7





#21
Chrysene
Concen: 67.63 ng/ul
RT: 22.29 min Scan# 3264
Delta R.T. 0.01 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:228 Resp: 2025973

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	21.3	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
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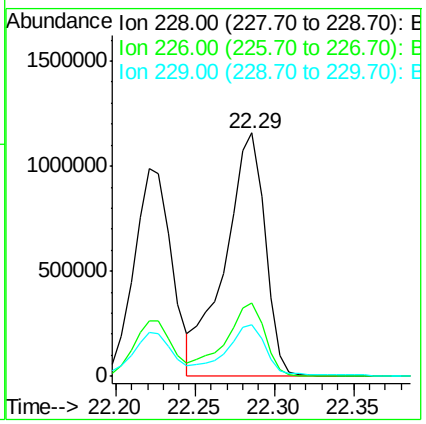
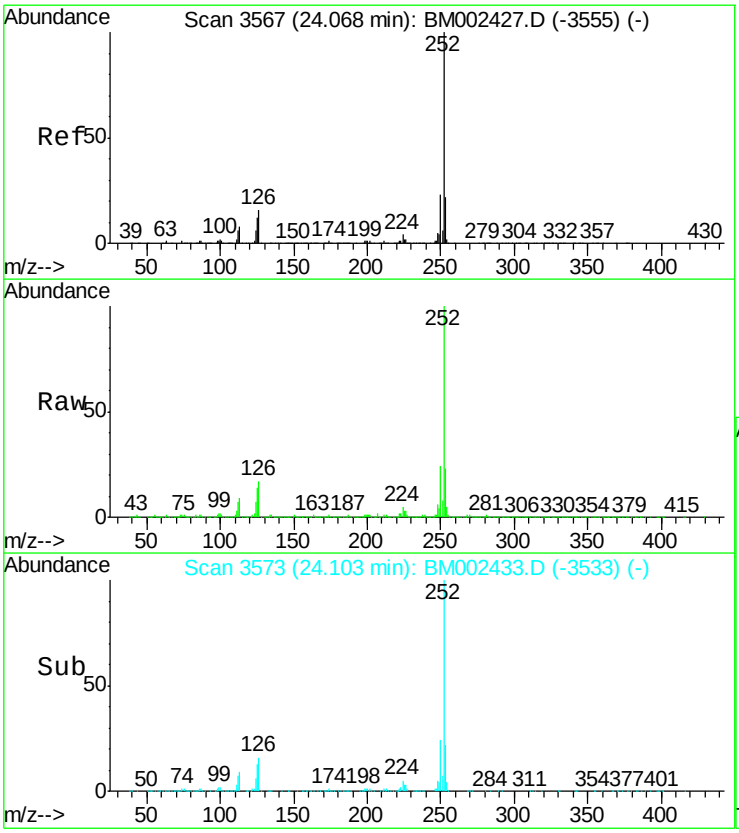
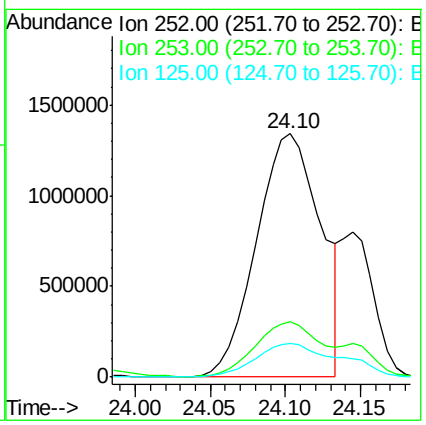


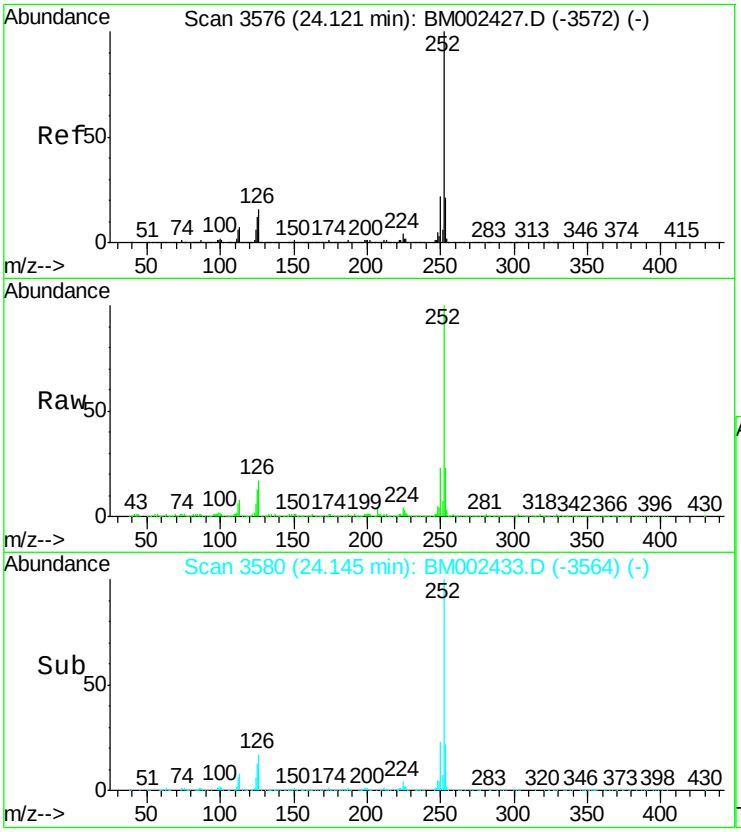


#23
Benzo(b)fluoranthene
Concen: 131.66 ng/ul m
RT: 24.10 min Scan# 3573
Delta R.T. 0.04 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:252 Resp: 4010480

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	13.8	10.0	15.0

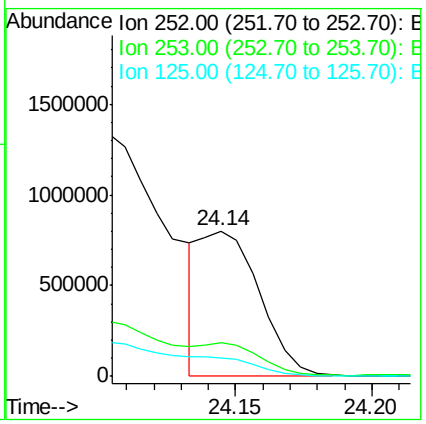




#24
Benzo(k)fluoranthene
Concen: 41.76 ng/ul m
RT: 24.14 min Scan# 3580
Delta R.T. 0.02 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:252 Resp: 1205327

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	13.0	9.8	14.8



Instrument :
BNA_M
ClientSampleId :
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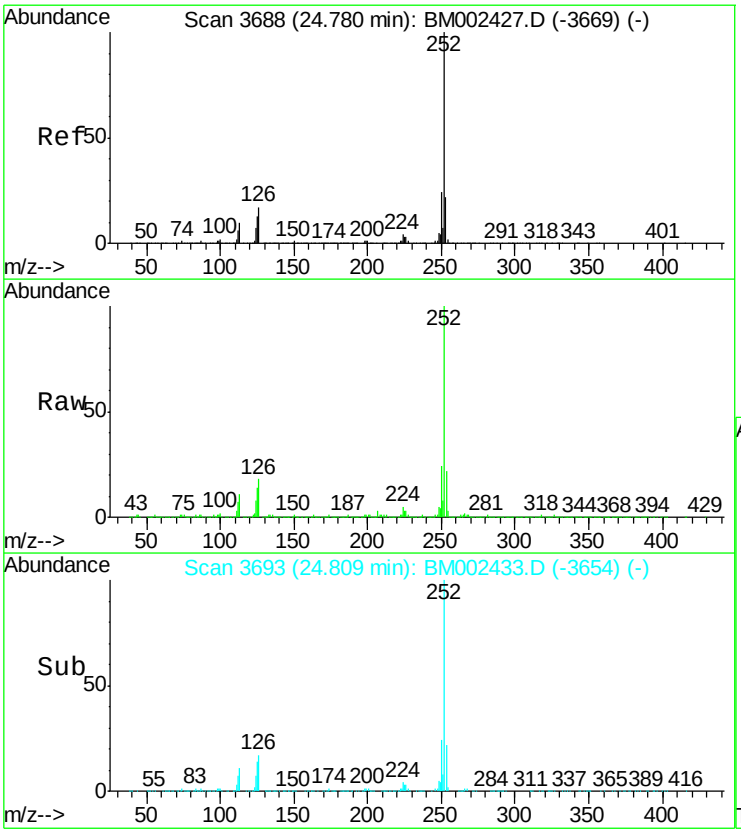
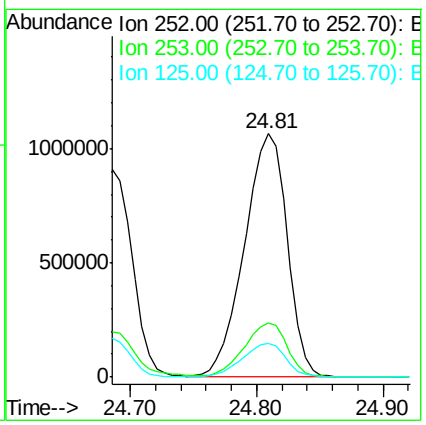
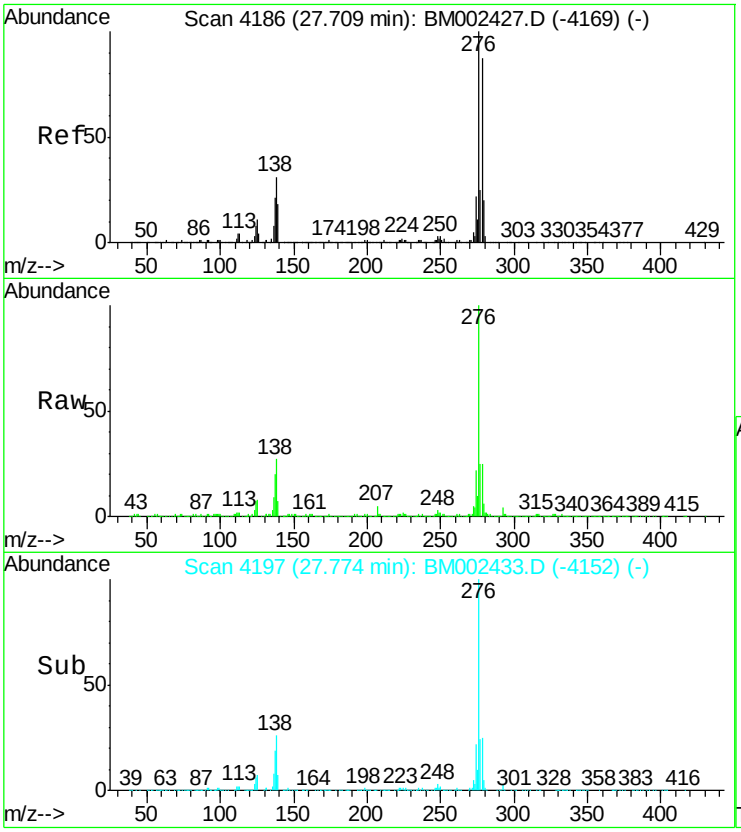


#26
Benzo(a)pyrene
Concen: 85.98 ng/ul m
RT: 24.81 min Scan# 3693
Delta R.T. 0.03 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:252 Resp: 2501533

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	14.1	10.7	16.1

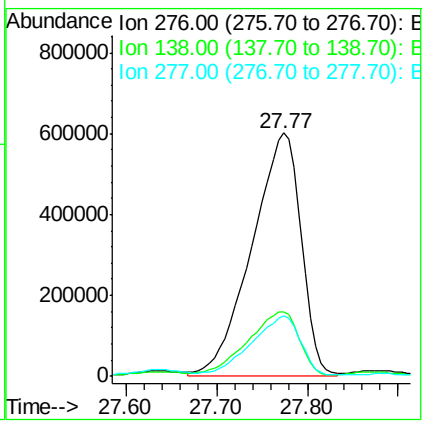




#27
Indeno(1,2,3-cd)pyrene
Concen: 67.30 ng/ul m
RT: 27.77 min Scan# 4197
Delta R.T. 0.07 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:276 Resp: 2251967

Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.3	37.9
277	24.7	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
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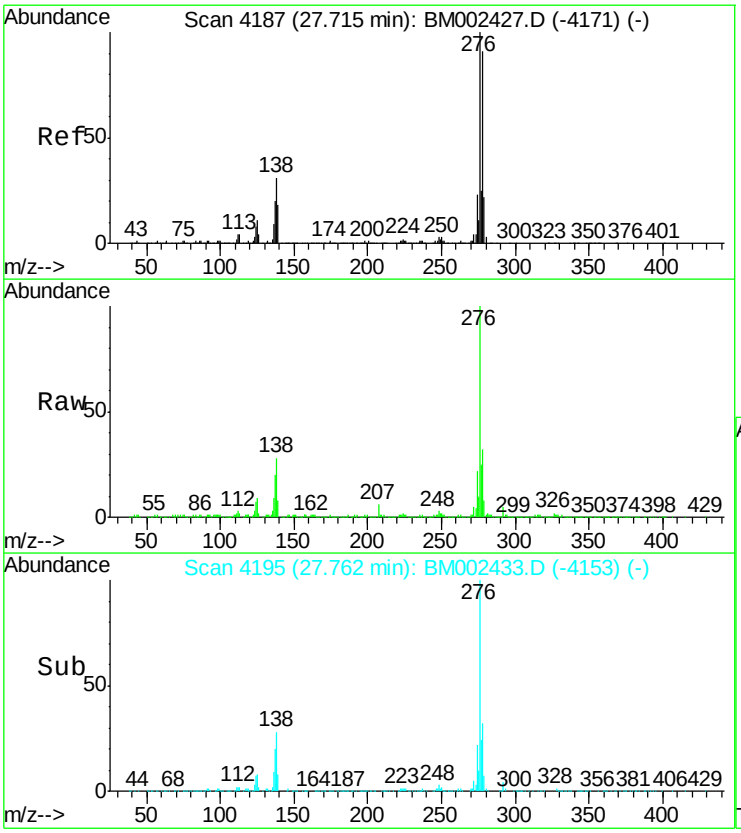
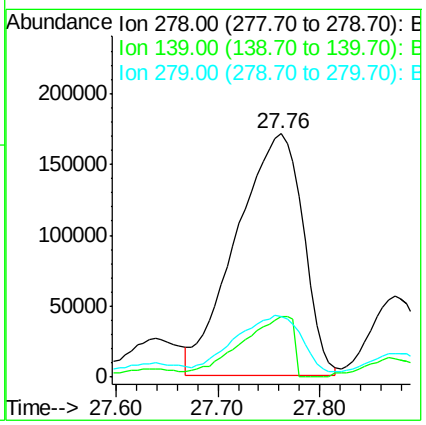
8/17/2015 2:46:43 PM

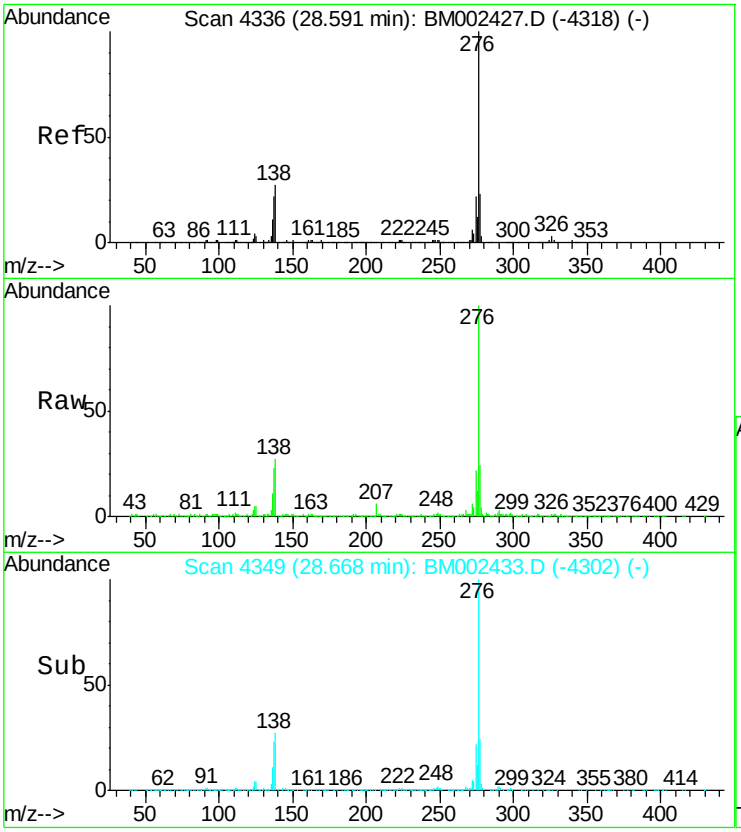


#28
Dibenzo(a,h)anthracene
Concen: 27.71 ng/ul m
RT: 27.76 min Scan# 4195
Delta R.T. 0.05 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:278 Resp: 775078

Ion	Ratio	Lower	Upper
278	100		
139	24.6	16.5	24.7
279	24.7	18.8	28.2

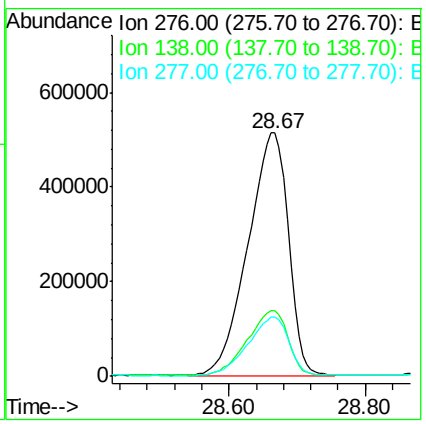




#29
Benzo(g,h,i)perylene
Concen: 76.54 ng/ul m
RT: 28.67 min Scan# 4349
Delta R.T. 0.08 min
Lab File: BM002433.D
Acq: 15 Aug 2015 20:14

Tgt Ion:276 Resp: 2131727

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.6
277	24.3	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
D9DA4MS

Manual Integrations APPROVED
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